



POLLUTION PREVENTION SERVICES

November 10, 2015 “RCRA Simplified”

Working together to achieve
economic and environmental results

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Pollution Prevention Services

- Confidential
- Non-regulatory



Client Base

- Business & Industry
- Institutions
- Government Agencies
- Toxic Release Inventory Reporters
- RCRA Large Quantity Generators
- Large Energy Users



Services Offered

Assistance focused on our client's needs

- Opportunity Assessments
 - Focused or walkthrough
 - Process
- Energy
 - Compressor Utilization
 - HVAC Efficiency
 - Lighting Effectiveness
- Water
 - Water use
 - Wastewater
- Waste
 - Hazardous waste
 - Solid waste
- Pollution Prevention Intern Program
- EMS Support
- Workshops and Training
- P2 Resource Library



Measurable Outcomes

\$78.1 Million

in *implemented* savings:

| | |
|---------------------|---------------------|
| 1.4 Million gallons | Water |
| 219,098 tons | Solid Waste |
| 8,312 tons | Hazardous waste |
| 42,817 grams | Mercury |
| 377 Million | kWh |
| 9.7 Million | Therms |
| 11,418 | MTCO ₂ e |



P2 Company Profile

Company: *Sivyer Steel Corporation*

- Bettendorf, IA
- Project focus:
 - Solid Waste reduction
 - Zero Waste Initiative
- Identified opportunities:
 - Single Stream recycling
 - Wood recycling
 - Cardboard, Shrink Wrap & Super Sack recycling
 - Nylon banding
 - Waste-to-energy



Total Savings: \$41,356

Implemented: \$37,526

Recommended: \$3,830

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P2 Company Profile

Company: Eagle Window & Door

- Dubuque, IA
- Project focus:
 - Hazardous waste generation
 - Solvent recycling
- Identified opportunities:
 - Improved solvent recycling equipment
 - Optimize paint process to increase solvent recovery
 - Optimize cleaning control system to reduce solvent usage

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Total Savings: \$99,762

Implemented: \$28,316
Recommended: \$71,446

P2 Company Profile

Company: UnityPoint Health – Des Moines

- Des Moines, IA
- Project focus:
 - Reduce hazardous waste generation
 - Reduce Impacts of Incineration
- Identified opportunities:
 - Liners in hazardous waste containers
 - Education Campaign
 - Pyxis Relocation
 - Aerosol Recycling
 - PVC-Free IV Bags

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Total Savings: \$58,163

Implemented: \$14,536

Recommended: \$43,627

Additional Project Examples

- Waste reduction
- Process optimization – minimizing scrap rates, etc.
- Hospital waste reduction
- Medical waste
- Organic waste
- Chemical reduction / reuse
- Special waste
- *...and many more*

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McCoy's RCRA Review

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